

**A MULTICASTING SYSTEM AND METHOD FOR
PROVIDING PERSONALIZED CONTENT****ABSTRACT OF THE INVENTION**

5 The present invention is embodied in a multicasting system and method
of a network for providing personalized content to remote users of the network
having different bandwidths. The personalized content includes Internet and
World Wide Web (WWW) content. In general, the present invention allows the
user to communicate within a network utilizing a multicast design. The host
10 establishes group membership for the multicast group and then establishes an
individualized set of broadcast criteria. This is accomplished by another process
that registers streams of interest for the host. Should any member of the group
broadcast data, the group system disseminates the data into discrete segments.
The system then refers to the stream of interest register to determine which
15 segments of the broadcast will be sent to which hosts in the network.